**Commonwealth of Kentucky**
**Natural Resources and Environmental Protection Cabinet**
**Department for Environmental Protection**
**Division for Air Quality**
**803 Schenkel Lane**
**Frankfort, Kentucky 40601**
**(502) 573-3382**

# AIR QUALITY PERMIT

**Permittee Name:** Quebecor Printing Franklin
**Mailing Address:** 300 Brown Road**,** Franklin, Kentucky 42135

**Source Name:** Quebecor Printing Franklin
**Mailing Address:** 300 Brown Road,
Franklin, Kentucky 42135

**Source Location:** 300 Brown Road, Franklin, Kentucky

**Permit Type:** Federally-Enforceable
**Review Type:** Title V/Synthetic Minor

**Permit Number:** V-99-030
**Log Number:** F444
**Application Complete Date:** February 16, 1998

**KYEIS ID #:** 105-3740-0022
**AFS Plant ID #:** 21-213-00022
**SIC Code:** 2754

**Region:** South Central
**County:** Simpson

**Issuance Date:**

**Expiration Date:**

**John E. Hornback, Director**
**Division for Air Quality**

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## SECTION A - PERMIT AUTHORIZATION

Pursuant to a duly submitted application which was determined to be complete on February 16, 1998, the Kentucky Division for Air Quality hereby authorizes the operation of the equipment described herein in accordance with the terms and conditions of this permit. This permit has been issued under the provisions of Kentucky Revised Statutes Chapter 224 and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, or modify any affected facilities without first having submitted a complete application and receiving a permit for the planned activity from the permitting authority, except as provided in this permit or in the Regulation 401 KAR 50:035, Permits.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by this Cabinet or any other federal, state, or local agency.

# SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

**01 (01) Boiler #1**

**Description:** Keeler model DS22.5 indirect heat exchanger burning natural gas as the main fuel with #2 fuel oil as standby.
Maximum continuous rating*:* 28.6 MMBTU/hour.
Construction commenced: July, 1979

**APPLICABLE REGULATIONS:**
401 KAR 59:015, New indirect heat exchangers applies to new affected facilities less than 250 MMBtu/hr commenced on or after April 9, 1972 .

1. **Operating Limitations:** None

2. **Emission Limitations:**
   401 KAR 59:015, New indirect heat exchangers
   A. Section 4(1)(c): PM emissions shall not exceed 0.292 lb/MMBtu actual heat input based on a three-hour average. Compliance while burning #2 fuel oil with the allowable particulate standard may be demonstrated by calculating particulate emissions using fuel oil usage rates, fuel analysis, and appropriate AP-42 emission factor information.
   B. Section 4(2): Visible emissions shall not exceed 20% opacity based on a six-minute average.
   C. Section 5(1)(c): SO2 emissions shall not exceed 0.960 lb/MMBtu actual heat input based on a three-hour average. Compliance while burning #2 fuel oil with the allowable sulfur dioxide standard may be demonstrated by calculating sulfur dioxide emissions using fuel oil usage rates, fuel analysis, and appropriate AP-42 emission factor information.

3. **Testing Requirements:** None

4. **Specific Monitoring Requirements:**
   1. Visual emissions observations from the boiler shall be made weekly when burning #2 fuel oil.
   2. In addition, once per calendar quarter, EPA Reference Method 9 shall be performed on the boiler if burning #2 fuel oil.

5. **Specific Recordkeeping Requirements:**
   A log shall be kept of all visible emissions observations while burning #2 fuel oil. Records in the weekly log shall be made of, but not limited to the following:
   (a) Whether any visible emissions (except for water vapor) were visible from the boiler.
   (b) Whether the visible emissions were normal for the process.
   (c) The cause of any abnormal emissions, and any corrective actions taken.

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

6. **Specific Reporting Requirements:** See Section F(5)

7. **Specific Control Equipment Operating Conditions:** None

8. **Alternate Operating Scenarios:** None

9. **Compliance Schedule:** None

10. **Compliance Certification Requirements:** See Section F(7)

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

**02 (03) Press 1**

**Description:** Albert Frankenthal 10 model TR55 publication rotogravure printing press - 72" wide with 10 printing units and one in-line flexographic imprinter - controlled by the Dedert Corporation Supersorbon H3-3660/15250-16000 carbon adsorption system with capture of 93% and removal of 97% to give an overall control efficiency of 90.21%.
Construction commenced: July, 1979

**APPLICABLE REGULATIONS:**
40 CFR 52.21 - Significant deterioration of air quality.
401 KAR 63:002, 40 CFR Part 63 national emission standards for hazardous air pollutants which incorporates by reference 40 CFR 63, Subpart KK -National emission standards for the printing and publishing industry - see Group 3 requirements.

1. **Operating Limitations:**
   1.Usage rates and VOC contents of all VOC containing materials shall be restricted so as to meet the emission limitations in Section B.2.
   2. See Group Requirement 2 - NSPS.

2. **Emission Limitations:**
   1. 40 CFR 52.21 - Significant deterioration or air quality (BACT limits)
      A. VOC emissions shall not exceed 25 tons/month and 264.67 tons/yr based on a 12-month rolling total.
      B. Overall VOC emissions including fugitives shall not exceed 9.79 percent by weight of the net solvent input into the affected facility.
      C. The carbon adsorber system shall maintain a minimum removal efficiency of 97%.

      **Compliance Demonstration:**
      Compliance shall be determined by monitoring, recordkeeping, reporting, and specific control equipment operating conditions. Although Press 1 is not subject to the requirements of 401KAR 60:005, 40 CFR Part 60 standards of performance for new stationary sources which incorporates by reference 40 CFR Subpart QQ, Standards of performance for the graphic arts industry: publication rotogravure printing, because of the date of construction of this press, compliance with the Emission Limitations stated in No. 2 of this emission unit will be demonstrated with a plantwide material balance as stated in Group Requirement 2 - NSPS.

   2. 401 KAR 63:002, 40 CFR Part 63 national emission standards for hazardous air pollutants which incorporates by reference 40 CFR 63, Subpart KK - National emission standards for the printing and publishing industry - See Group Requirement 3.

3. **Testing Requirements:** None

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

4. **Specific Monitoring Requirements:** None

5. **Specific Recordkeeping Requirements:**
   See Group Requirements 2 and 3.

6. **Specific Reporting Requirements:**
   See Section F(5) & Group Requirements 2 and 3.

7. **Specific Control Equipment Operating Conditions:**
   See Group Requirements 2 and 3.

8. **Alternate Operating Scenarios:** None

9. **Compliance Schedule:** None

10. **Compliance Certification Requirements:** See Section F(7).

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

**03 (05) Press 2**

**Description:** Albert Frankenthal 10 model TR55 publication rotogravure printing press - 72" wide with 10 printing units - controlled by the Dedert Corporation Supersorbon H3-3660/15250-16000 carbon adsorption system with capture of 93% and removal of 97% to give an overall control efficiency of 90.21%.
Construction commenced: July, 1980.

**APPLICABLE REGULATIONS:**
401 KAR 51:052, Review of new sources in or impacting upon nonattainment areas
401 KAR 63:002, 40 CFR Part 63 national emission standards for hazardous air pollutants which incorporates by reference 40 CFR 63, Subpart KK -National emission standards for the printing and publishing industry - see Group 3 requirements.

1. **Operating Limitations:**
   1. Usage rates and VOC contents of all VOC containing materials shall be restricted so as to meet the emission limitations in Section B.2.
   2. See Group Requirement 2 - NSPS.

2. **Emission Limitations:**
   1. 401 KAR 51:052, Review of new sources in or impacting upon nonattainment areas incorporating 401 KAR 51:050 (LAER requirements per accomodative SIP).
      A. VOC emissions shall not exceed 28 tons/month and 298.17 tons/yr based on a 12 month rolling total.
      B. Overall VOC emissions including fugitives shall not exceed 9.79 percent by weight of the net solvent input into the affected facility.
      C. The carbon adsorber system shall maintain a minimum removal efficiency of 97%.

      **Compliance Demonstration:**
      Compliance shall be determined by monitoring, recordkeeping, reporting, and specific control equipment operating conditions.Although Press 2 is not subject to the requirements of 401 KAR 60:005, 40 CFR Part 60 standards of performance for new stationary sources which incorporates by reference 40 CFR Subpart QQ, Standards of performance for the graphic arts industry: publication rotogravure printing, because of the date of construction of this press, compliance with the Emission Limitations stated in No. 2 of this emission unit will be demonstrated with a plantwide material balance as stated in Group Requirement 2 - NSPS.

   2. 401 KAR 63:002, 40 CFR. Part 63 national emission standards for hazardous air pollutants which incorporates by reference 40 CFR 63, Subpart KK - National emission standards for the printing and publishing industry - See Group Requirement 3.

3. **Testing Requirements:** None

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

4. **Specific Monitoring Requirements:** None

5. **Specific Recordkeeping Requirements:**
   See Group Requirements 2 and 3.

6. **Specific Reporting Requirements:**
   See Section F(5) & Group Requirements 2 and 3.

7. **Specific Control Equipment Operating Conditions:**
   See Group Requirements 2 and 3.

8. **Alternate Operating Scenarios:** None

9. **Compliance Schedule:** None

10. **Compliance Certification Requirements:** See Section F(7).

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

**04 (07) Press 3**

**Description:** Albert Frankenthal model TR6B publication rotogravure printing press - 96" wide with 10 printing units - controlled by the Dedert Corporation Supersorbon H3-3660/15250-16000 carbon adsorption system with capture of 93% and removal of 97% to give an overall control efficiency of 90.21%.
Construction commenced: 1985

**APPLICABLE REGULATIONS:**
401 KAR 51:052, Review of new sources in or impacting upon nonattainment areas.
401 KAR 60:005, 40 CFR Part 60 standards of performance for new stationary sources which incorporates by reference 40 CFR Subpart QQ, Standards of performance for the graphic arts industry: publication rotogravure printing - See Group Requirement 2.
401 KAR 63:002, 40 CFR Part 63 national emission standards for hazardous air pollutants which incorporates by reference 40 CFR 63, Subpart KK -National emission standards for the printing and publishing industry - See Group Requirement 3,

1. **Operating Limitations:**
   1. Usage rates and VOC contents of all VOC containing materials shall be restricted so as to meet the emission limitations in Section B.2.
   2. See Group Requirement 2 - NSPS.

2. **Emission Limitations:**
   1. 401 KAR 51:052, Review of new sources in or impacting upon nonattainment areas (LAER requirements per accomodative SIP).
      A. VOC emissions shall not exceed 38 tons/month and 341.03 tons/yr based on a 12 month rolling total.
      B. Overall VOC emissions including fugitives shall not exceed 9.79 percent by weight of the net solvent input into the affected facility.
      C. The carbon adsorber system shall maintain a minimum removal efficiency of 97%.

      **Compliance Demonstration:**
      Compliance shall be determined by monitoring, recordkeeping, reporting, and specific control equipment operating conditions.

   2. 401 KAR 60:005, 40 CFR Part 60 standards of performance for new stationary sources which incorporates by reference 40 CFR Subpart QQ, Standards of performance for the graphic arts industry: publication rotogravure printing- See Group Requirement 2.
   3. 401 KAR 63:002, 40 CFR Part 63 national emission standards for hazardous air pollutants which incorporates by reference 40 CFR 63, Subpart KK -N ational emission standards for the printing and publishing industry - See Group Requirement 3.

3. **Testing Requirements:** None

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

4. **Specific Monitoring Requirements:** None

5. **Specific Recordkeeping Requirements:**
   See Group Requirements 2 and 3.

6. **Specific Reporting Requirements:**
   See Section F(5) & Group Requirements 2 and 3.

7. **Specific Control Equipment Operating Conditions:**
   See Group Requirements 2 and 3.

8. **Alternate Operating Scenarios:** None

9. **Compliance Schedule:** None

10. **Compliance Certification Requirements:** See Section F(7).

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

**05 (10) Boiler #2**

**Description:** Kewanee model H35-750-602 indirect heat exchanger burning natural gas as the main fuel with #2 fuel oil as standby.Maximum continuous rating: 31.4 MBTU/hour. Construction commenced: December, 1984.

**APPLICABLE REGULATIONS:**
401 KAR 59:015, New indirect heat exchangers applies to new affected facilities less than 250 MMBtu/hr commenced on or after April 9, 1972.

1. **Operating Limitations:** None

2. **Emission Limitations:**
   401 KAR 59:015, New indirect heat exchangers.
   A. Section 4(1)(c): PM emissions shall not exceed 0.292 lb/MMBtu actual heat input based on a three-hour average. Compliance while burning #2 fuel oil with the allowable particulate standard may be demonstrated by calculating particulate emissions using fuel oil usage rates, fuel analysis, and appropriate AP-42 emission factor information.
   B. Section 4(2): Visible emissions shall not exceed 20% opacity based on a six- minute average.
   C. Section 5(1)(c): SO2 emissions shall not exceed 0.960 lb/MMBtu actual heat input based on a three-hour average. Compliance while burning #2 fuel oil with the allowable sulfur dioxide standard may be demonstrated by calculating sulfur dioxide emissions using fuel oil usage rates, fuel analysis, and appropriate AP-42 emission factor information.

3. **Testing Requirements:** None

4. **Specific Monitoring Requirements:**
   1. Visual emissions observations from the boiler shall be made weekly when burning #2 fuel oil.
   2. In addition, once per calendar quarter, an EPA Reference Method 9 reading shall be performed if burning #2 fuel oil.

5. **Specific Recordkeeping Requirements:**
   A log shall be kept of all visible emissions observations while burning #2 fuel oil. Records in the weekly log shall be made of, but not limited to the following:
   (a) Whether any visible emissions (except for water vapor) were visible from the boiler.
   (b) Whether the visible emissions were normal for the process.

5. **Specific Recordkeeping Requirements: (CONTINUED)**
   (c) The cause of any abnormal emissions, and any corrective actions taken.

6. **Specific Reporting Requirements:** See Section F(5).

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

**7. Specific Control Equipment Operating Conditions:** None

**8. Alternate Operating Scenarios:** None

**9. Compliance Schedule:** None

**10. Compliance Certification Requirements:** See Section F(7).

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

**06 (12) Press 4**

**Description:** Albert Frankenthal model TR8B publication rotgravure printing press - 125" wide with 8 printing units with one in-line flexographic imprinter - controlled by the Dedert Corporation Supersorbon H3-3660/15250-16000 carbon adsorption system with capture of 100% and removal of 98% to give an overall control efficiency of 96.04%.
Construction commenced: May, 1992.

**APPLICABLE REGULATIONS:**
401 KAR 51:052, Review of new sources in or impacting upon nonattainment areas.
401 KAR 59:212, New graphic arts facilities using rotogravure and flexography.
401 KAR 60:005, 40 CFR Part 60 standards of performance for new stationary sources which incorporates by reference 40 CFR Subpart QQ, Standards of performance for the graphic arts industry: publication rotogravure printing- See Group Requirement 2.
401 KAR 63:002, 40 CFR Part 63 national emission standards for hazardous air pollutants which incorporates by reference 40 CFR 63, Subpart KK - National emission standards for the printing and publishing industry - See Group Requirement 3.

1. **Operating Limitations:**
   1.Usage rates and VOC contents of all VOC containing materials shall be restricted so as to meet the emission limitations in Section B.2.
   2. See Group Requirement 2 - NSPS.

2. **Emission Limitations:**
   1. 401 KAR 51:052, Review of new sources in or impacting upon nonattainment areas (LAER requirements per accomodative SIP).
      A. VOC emissions shall not exceed 20 tons/month and 198.34 tons/yr based on a 12 month rolling total.
      B. Overall VOC emissions including fugitives shall not exceed 3.96% percent by weight of the net solvent input into the affected facility.
      C. The carbon adsorber system shall maintain a minimum removal efficiency of 98%.
      D. A permanent total enclosure shall be maintained on the press according to 40 CFR 51, EPA Method 204.

      **Compliance Demonstration:**
      Compliance shall be determined by monitoring, recordkeeping, reporting, and specific control equipment operating conditions.

   2. 401 KAR 59:212, New graphic arts facilites using rotogravure and flexography.
      The flexographic ink used is waterbased and therefore is exempt from the standard of this regulation under Section 6(1) - Utilize a water-borne ink whose volatile portion consists of 75 volume percent water and 25 percent volume percent organic solvent (or a lower VOC content) in all printing units subject to this regulation.

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

3. 401 KAR 60:005 , 40 CFR Part 60 standards of performance for new stationary sources which incorporates by reference 40 CFR Subpart QQ, Standards of performance for the graphic arts industry: publication rotogravure printing- See Group Requirement 2.
4. 401 KAR 63:002, 40 CFR Part 63 national emission standards for hazardous air pollutants which incorporates by reference 40 CFR 63, Subpart KK -National emission standards for the printing and publishing industry - See Group Requirement 3.

**3. Testing Requirements:**

Testing of the permanent total enclosure shall be done according to 40 CFR 51, EPA Method 204. A record of all relevant operating parameters shall be kept during the test.

**4. Specific Monitoring Requirements:**

Following the testing of the permanent total enclosure, to ensure ongoing compliance for the permanent total enclosure.

1. If during the test, the average facial velocity of the air through all natural draft openings is determined to be less than or equal to 500 fpm, the daily pressure differential shall be measured across the enclosure and compared to the differential pressure of 0.007 inch H2O(corresponding to 200 fpm). See Section 7 of this emission unit.
2. If during the test, the average facial velocity of the air through all natural draft openings is determined to be greater than 500 fpm, fan amps shall be recorded daily and compared to the parameters recorded during the test. If the daily recorded fan amps are below the parameters set during the test, the monitoring shall revert to Section 4(1) of this section. See Section 7 of this emission unit.

**5. Specific Recordkeeping Requirements:**

1. See Group Requirements 2 and 3.
2. Record the daily pressure differential across the permanent total enclosure if required in Section 4 of this unit.
3. Record the daily fan amps if required in Section 4 of this unit.
4. 401 KAR 59:212, New graphic arts facilites using rotogravure and flexography.

For the flexographic imprinter:
Daily records shall be maintained by the source during the five year period of the permit.
These records shall be made available to the cabinet or the U.S. EPA upon request.
These records shall include, but not be limited to, the following:

(a) Applicable regulation number;
(b) Application method and substrate type;
(c) Amount and type of graphic arts material or solvent used at each point of application, including exempt compounds;
(d) The VOC content as applied in each graphic arts material or solvent;
(e) The date for each application for graphic arts material or solvent;
(f) The amount of surface preparation, clean-up, or wash-up solvent (including exempt compounds) used and the VOC content of each; and
(g) Oven temperature, if applicable.

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

**6. Specific Reporting Requirements:**

1. Reports of any shutdowns and actions taken to correct them shall be submitted to the Division's Bowling Green Regional Office within 3 days. See Section F(6).
2. See Group Requirements 2 and 3.
3. See Section F(5).

**7. Specific Control Equipment Operating Conditions:**

1. The pressure differential across the permanent total enclosure shall be a minimum of 0.007 inch H2O corresponding to a facial velocity of 200 ft/min.
2. If the facial velocity of 200 ft/min is not maintained, the press shall be shutdown and shall not operate until the facial velocity is corrected to a minimum of 200 ft/min.
3. Negative pressure into the permanent total enclosure shall be maintained.
4. See Group Requirements 2 and 3.

**8. Alternate Operating Scenarios:** None

**9. Compliance Schedule:** None

**10. Compliance Certification Requirements:** See Section F(7).

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

**07 (15) 2 Double Cell Cooling Towers**

**Description:** 2 Double Cell Baltimore Aircool Cooling Towers.
Maximum continuous rating: 1410 gal/min city water.
Construction commenced: June, 1988.

**APPLICABLE REGULATIONS:**
401 KAR 63:010, Fugitive emissions applies to affected facilities that emit fugitive emissions.

1. **Operating Limitations:** None

2. **Emission Limitations:**
   401 KAR 63:010, Fugitive emissions.
   Section 3(2): No person shall cause or permit the discharge of visible fugitive dust emissions beyond the lot line of the property on which the emissions originate and shall take reasonable precautions to prevent particulate matter from becoming airborne.

3. **Testing Requirements:** None

4. **Specific Monitoring Requirements:**
   Perform regular cooling tower maintenance as recommended by the vendor to provide reasonable assurance that Section 3(2) of 401 KAR 63:010 is met.

5. **Specific Recordkeeping Requirements:**
   Keep records of all maintenance done.

6. **Specific Reporting Requirements:** See Section F(5)

7. **Specific Control Equipment Operating Conditions:** None

8. **Alternate Operating Scenarios:** None

9. **Compliance Schedule:** None

10. **Compliance Certification Requirements:** See Section F(7).

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

**11 (21) Proof Press**

**Description:** Cerutti 4 unit proof press - 96" wide - controlled by the Dedert Corporation Supersorbon H3-3660/15250-16000 carbon adsorption system with capture of 80% and removal of 97% to give an overall control efficiency of 77.6% permitted. Construction commenced: June, 1985.

**APPLICABLE REGULATIONS:**
401 KAR 63:002, 40 CFR Part 63 national emission standards for hazardous air pollutants which incorporates by reference 40 CFR 63, Subpart KK -N ational emission standards for the printing and publishing industry - See Group Requirement 3.

1. **Operating Limitations:**
   1. Usage rates and VOC contents of all VOC containing materials shall be restricted so as to meet the emission limitations in Section B.2.
   2. See Group Requirement 2 - NSPS.

2. **Emission Limitations:**
   1. Self imposed to preclude applicability of 401 KAR 51:017, Prevention of significant deterioration of air quality:
      A. VOC emissions from ink usage shall not exceed 3.265 tons/month and 16.912 tons/yr based on a 12 month rolling total.
      B. VOC emissions from cleanup solvent shall not exceed 0.948 tons/month and 4.908 tons/yr.
      C. Overall VOC emissions including fugitives shall not exceed 25 percent by weight of the net solvent input into the affected facility.
      D. The carbon adsorber system shall maintain a removal control efficiency of 97%.

      **Compliance Demonstration:**
      Compliance shall be determined by monitoring, recordkeeping, reporting, and specific control equipment operating conditions. Although the Proof Press is not subject to the requirements of 401 KAR 60:005 , 40 CFR Part 60 standards of performance for new stationary sources which incorporates by reference 40 CFR Subpart QQ, Standards of performance for the graphic arts industry: publication rotogravure printing, compliance with the Emission Limitations stated in No. 2 of this emission unit will be demonstrated with a plantwide material balance as stated in Group Requirement 2 - NSPS.

   2. 401 KAR 63:002, 40 CFR Part 63 national emission standards for hazardous air pollutants which incorporates by reference 40 CFR 63, Subpart KK -N ational emission standards for the printing and publishing industr, - See Group Requirement 3.

3. **Testing Requirements:** None

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

4. **Specific Monitoring Requirements:** None.

5. **Specific Recordkeeping Requirements:**
   See Group Requirements 2 and 3.

6. **Specific Reporting Requirements:**
   See Section F(5) & Group Requirements 2 and 3.

7. **Specific Control Equipment Operating Conditions:**
   See Group Requirements 2 and 3.

8. **Alternate Operating Scenarios:** None

9. **Compliance Schedule:** None

10. **Compliance Certification Requirements:** See Section F(7).

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

**14 (24) Boiler #3**

**Description:** Cleaver Brooks 800 HP indirect heat exchanger burning natural gas as the main fuel with #2 fuel oil as standby. Maximum continuous rating*:* 33.5 MMBTU/hour. Construction commenced: May, 1991.

**APPLICABLE REGULATIONS:**

401 KAR 59:015, New indirect heat exchangers applies to new affected facilities less than 250 MMBtu/hr commenced on or after April 9, 1972.

401 KAR 60:005, 40 CFR Part 60 standards of performance for new stationary sources which incorporates by reference Subpart Dc - Standards of performance for small industrial-commercial-institutional steam generating units which applies to each new steam generating unit that commenced construction after June 9, 1989.

1. **Operating Limitations:**
   #2 Fuel Oil usage throughput shall not exceed 1,124,643 gal/yr to preclude applicability of 401 KAR 51:017, Prevention of significant deterioration of air quality (self imposed).

2. **Emission Limitations:**
   1. 401 KAR 59:015, New indirect heat exchangers.
      A. Section 4(1)(c): PM emissions shall not exceed 0.102 lb/MMBtu actual heat input based on a three-hour average. Compliance while burning #2 fuel oil with the allowable particulate standard may be demonstrated by calculating particulate emissions using fuel oil usage rates, fuel analysis, and appropriate AP-42 emission factor information as specified in the statement of basis.
      B. Section 4(2): Visible emissions shall not exceed 20% opacity based on a six- minute average.
      C. Section 5(1)(c): SO2 emissions shall not exceed 0.511 lb/MMBtu actual heat input based on a three-hour average. Compliance while burning #2 fuel oil with the allowable sulfur dioxide standard may be demonstrated by calculating sulfur dioxide emissions using fuel oil usage rates, fuel analysis, and appropriate AP-42 emission factor information as specified in the statement of basis.
   2. 401 KAR 60:043, Standards of performance for small industrial-commercial-institutional steam generating units.
      A. 40 CFR 60.43c(c): Emissions shall not exceed 20% opacity based on a six-minute average except for one six-minute period per hour of not more than 27% opacity.
      B. 40 CFR 60.43c(d): The opacity standard applies at all times, except during startup, shutdown, or malfunction.
      C. 40 CFR 60.42c(d): Fuel oil shall not contain greater than 0.5 weight percent sulfur.(See Section 4.2. of this emission unit.)
      D. 40 CFR 60.42c(g): Fuel oil sulfur limits shall be determined on a 30-day rolling average basis.

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

**3. Testing Requirements:**

401 KAR 60:043, Standards of performance for small industrial-commercial-institutional steam generating units.

40 CFR 60.44c(g):The owner or operator of the affected facility shall sample the oil in the fuel tank after each new shipment of oil is received.

**4. Specific Monitoring Requirements:**

1. 401 KAR 59:015, New indirect heat exchangers.
   a. Visual emissions observations from the boiler shall be made weekly when burning #2 fuel oil.
   b. The permittee shall determine opacity of emissions from the stack by EPA Reference Method 9 (six minute average of 24 observations) quarterly, or more frequently if requested by the Division if burning #2 fuel oil.
2. 401 KAR 60:043, Standards of performance for small industrial-commercial-institutional steam generating units.

   40 CFR 60.46c(d)(2): Fuel oil samples may be collected from the fuel tank for each steam generating unit immediately after the fuel tank is filled and before any oil is combusted. The owner or operator of the affected facility shall analyze the oil sample to determine the sulfur content of the oil. If a partially empty fuel tank is refilled, a new sample and analysis of the fuel in the tank would be required upon filling. Results of the fuel analysis taken after each new shipment of oil is received shall be used as the daily value when calculating the 30-day rolling average until the the next shipment is received. If the fuel analysis show that the sulfur content is greater than 0.5 weight percent sulfur, the owner or operator shall ensure that the sulfur content of subsequent oil shipments is low enough to cause the 30- day rolling average sulfur content to be 0.5 weight percent sulfur or less.

**5. Specific Recordkeeping Requirements:**

1. 401 KAR 59:015, New indirect heat exchangers,

   A log shall be kept of all visible emissions observations while burning #2 fuel oil. Records in the weekly log shall be made of, but not limited to the following:

   (a) Whether any air emissions (except for water vapor) were visible from the plant.
   (b) Whether the visible emissions were normal for the process.
   (c) The cause of any abnormal emissions, and any corrective actions taken.
2. 401 KAR 60:043:Standards of performance for small industrial-commercial-institutional steam generating units.
   A. 40 CFR 60.48c(e): The owner or operator of each affected facility subject to the fuel oil sulfur limits shall keep records as follows:
      1. Calendar dates covered in the reporting period.
      2. Each 30-day average sulfur content (weight percent), calculated during during the reporting period, ending with the last 30-day period in the quarter; reasons for any noncompliance with the emission standards; and a description of corrective actions taken.
   B. 40 CFR 60.48 c(g): The owner or operator of each affected facility shall record and maintain records of the amounts of all fuel combusted during each day.

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

C. All records required for this affected facility shall be maintained for a period of five years pursuant to Regulation 401 KAR 50:035.

**6. Specific Reporting Requirements:**

1. See Section F(5).
2. 401 KAR 60:043, Standards of performance for small industrial-commercial-institutional steam generating units.
   A. 40 CFR 60.48c(b): Reports shall be submitted to the Division's Bowling Green Regional Office of any performance tests of opacity limits.
   B. 40 CFR 60.48c(d),(e): Reports of the records listed in Section 5.2. of this emission unit shall be submitted to the Division's Bowling Green Regional Office on a quarterly basis. Each report shall be postmarked by the 30th day following the end of the reporting period.

**7. Specific Control Equipment Operating Conditions:** None

**8. Alternate Operating Scenarios:** None

**9. Compliance Schedule:** None

**10. Compliance Certification Requirements:** See Section F(7).

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

**18 (31) Storage Tank - 12000 gal**

**Description:** Storage tank - 12000 gal clean solvent - SL-2
Construction commenced: 1992

**APPLICABLE REGULATIONS:**
401 KAR 60:005 40 CFR Part 60 standards of performance for new stationary sources, which incorporates 40 CFR Subpart Kb, Standards of performance for volatile organic liquid storage vessels (including petroleum liquid storage vessels) with a capacity greater than or equal to 40 cubic meters for which construction, reconstruction, or modification commenced after July 23, 1984.
401 KAR 63:002, 40 CFR Part 63 national emission standards for hazardous air pollutants which incorporates by reference 40 CFR 63, Subpart KK - National emission standards for the printing and publishing industry - See Group 3 requirements.

1. **Operating Limitations:**
   None

2. **Emission Limitations:**
   401 KAR 63:002, 40 CFR Part 63 national emission standards for hazardous air pollutants which incorporates by reference 40 CFR 63, Subpart KK - N ational emission standards for the printing and publishing industry - See Group 3 requirements.

3. **Testing Requirements:**
   None

4. **Specific Monitoring Requirements:**
   See Group 3 requirements.

5. **Specific Recordkeeping Requirements:**
   1. Retain records showing the dimensions and capacity of the storage tank for the life of the tank [40 CFR 60.116b(b)].
   2. See Group 3 requirements.

6. **Specific Reporting Requirements:**
   1. See Group 3 requirements.
   2. See Section F(5).

7. **Specific Control Equipment Operating Conditions:** None

8. **Alternate Operating Scenarios:** None
9. **Compliance Schedule:** None
10. **Compliance Certification Requirements:** See Section F(7).

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

**21 (37) Press 5**

Descriptions: Albert Frankenthal 8 cylinder unit model TR8B publication rotogravure printing press 125" wide with 8 printing units - controlled by the Dedert Corporation Supersorbon H3-3660/15250-16000 carbon adsorption system with capture of 100% and removal of 97% to give an overall control efficiency of 95.06%.
Construction commenced: August, 1995.

**APPLICABLE REGULATIONS:**
401 KAR 51:017, Prevention of significant deterioration of air quality.
401 KAR 60:005, 40 CFR Part 60 standards of performance for new stationary sources which incorporates by reference 40 CFR Subpart QQ, Standards of performance for the graphic arts industry: publication rotogravure printing - See Group Requirement 2.
401 KAR 63:002, 40 CFR Part 63 national emission standards for hazardous air pollutants which incorporates by reference 40 CFR 63, Subpart KK -National emission standards for the printing and publishing industry - See Group Requirement 3.

1. **Operating Limitations:**
   1.Usage rates and VOC contents of all VOC containing materials shall be restricted so as to meet the emission limitations in Section B.2.
   2. See Group Requirement 2 - NSPS.

2. **Emission Limitations:**
   1. 401 KAR 51:017, Prevention of significant deterioration of air quality (BACT requirements).
      A. VOC emissions shall not exceed 25 tons/month and 247.43 tons/yr based on a 12- month rolling total.
      B. Overall VOC emissions including fugitives shall not exceed 4.94 percent by weight of the net solvent input into the affected facility.
      C. The carbon adsorber system shall maintain a minimum removal efficiency of 97%.
      D. A permanent total enclosure shall be maintained on the press according to 40 CFR 51, EPA Method 204.

      **Compliance Demonstration:**
      Compliance shall be determined by monitoring, recordkeeping, reporting, and specific control equipment operating conditions.

   2. 401 KAR 60:005 , 40 CFR Part 60 standards of performance for new stationary sources which incorporates by reference 40 CFR Subpart QQ, Standards of performance for the graphic arts industry: publication rotogravure printing - See Group Requirement 2 3 . 4 0 1 KAR 63:002, 40 CFR Part 63 national emission standards for hazardous air pollutants which incorporates by reference 40 CFR 63, Subpart KK -N ational emission standards for the printing and publishing industry - See Group Requirement 3.

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

**3. Testing Requirements:**

Testing of the permanent total enclosure shall be done according to 40 CFR 51, EPA Method 204. A record of all relevant operating parameters shall be kept during the test.

**4. Specific Monitoring Requirements:**

Following the testing of the permanent total enclosure, to ensure ongoing compliance for the permanent total enclosure,

1. If during the test, the average facial velocity of the air through all natural draft openings is determined to be less than or equal to 500 fpm, the daily pressure differential shall be measured across the enclosure and compared to the differential pressure of 0.007 inch H2O(corresponding to 200 fpm). See Section 7 of this emission unit.
2. If during the test, the average facial velocity of the air through all natural draft openings is determined to be greater than 500 fpm, fan amps shall be recorded daily and compared to the parameters recorded during the test. If the daily recorded fan amps are below the parameters set during the test, the monitoring shall revert to Section 4(1) of this section. See Section 7 of this emission unit.

**5. Specific Recordkeeping Requirements:**

1. Record the daily pressure differential across the permanent total enclosure if required in Section 4 of this unit.
2. Record the daily fan amps if required in Section 4 of this unit.
3. See Group Requirements 2 and 3.

**6. Specific Reporting Requirements:**

1. Reports of any shutdowns and actions taken to correct them shall be submitted to the Division's Bowling Green Regional Office within 3 days. See Section F(6).
2. See Group Requirements 2 and 3.
3. See Section F(5).

**7. Specific Control Equipment Operating Conditions:**

1. The pressure differential across the permanent total enclosure shall be a minimum of 0.007 inch H2O corresponding to a facial velocity of 200 ft/min.
2. If the facial velocity of 200 ft/min is not maintained, the press shall be shutdown and shall not operate until the facial velocity is corrected to a minimum of 200 ft/min.
3. Negative pressure into the permanent total enclosure shall be maintained.
4. See Group Requirements 2 and 3.

**8. Alternate Operating Scenarios:** None

**9. Compliance Schedule:** None

**10. Compliance Certification Requirements:** See Section F(7).

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

**31 (47) Ink Jet Printing**

**Description:** Ink jet printing- methanol based and MEK based.
Maximum continuous rating: Methanol based ink - 0.20 gal/hr.
Methanol solvent - 0.296 gal/hr.
MEK based ink - 0.20 gal/hr.
MEK solvent - 0.413 gal/hr.
Construction commenced: November, 1986, June, 1991, and February, 1994.

**APPLICABLE REGULATIONS:**
None

1. **Operating Limitations:** None
2. **Emission Limitations:** None
3. **Testing Requirements:** None
4. **Specific Monitoring Requirements:** None
5. **Specific Recordkeeping Requirements:** None
6. **Specific Reporting Requirements:** See Section F(5).
7. **Specific Control Equipment Operating Conditions:** None
8. **Alternate Operating Scenarios:** None
9. **Compliance Schedule*:*** None
10. **Compliance Certification Requirements*:*** See Section F(7).

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

**Group 1 Chrome Plating MACT**

**Emission point - 09(20) - 100" Chromium electroplating line - chrome plate tank.**
**Emission point - 10(20) - 125" Chromium electroplating line - chrome plate tank.**

**Description:** Line 1 Chromium Electroplating tank with a composite mesh-pad system control with an efficiency of 99% and Line 2 Chromium Electroplating tank with a composite mesh-pad system control with an efficiency of 99%.

Construction commenced: Line 1 - May, 1985.
Line 2 - March, 1992.

**APPLICABLE REGULATIONS:**

401 KAR 59:010, New process operations applicable to each affected facility commenced on or after July 2, 1975.

401 KAR 63:002, 40 CFR Part 63 national emissions standards for hazardous air pollutants which incorporates by reference 40 CFR 63, Subpart N, National emission standards for chromium emissions from hard and decorative chromium electroplating and chromium anodizing tanks.

1. **Operating Limitations:**
   Usage rates and HAP contents of all HAP containing materials shall be restricted so as to meet the emissions limitations in Section B.2.

2. **Emission Limitations:**
   1. 401 KAR 59:010, New process operations.
      A. Section 3(2): Particulate matter emissions shall not exceed 2.34 lbs/hr.
      B. Section 3(1): Visible emissions shall not equal or exceed 20% opacity.

      **Compliance Demonstration:**
      Compliance is demonstrated based on the initial performance test and monitoring requirements.

   2. 401 KAR 63:002, 40 CFR Part 63 national emissions standards for hazardous air pollutants which incorporates by reference 40 CFR 63, Subpart N, National emission standards for chromium emissions from hard and decorative chromium electroplating and chromium anodizing tanks. The permittee shall not allow the total chromium concentration in the exhaust gas stream discharged to the atmosphere to exceed 0.015 milligrams per dry standard cubic meter (mg/dscm) of ventilation air (6.6E-06 grains per dry standard cubic foot). [40CFR63.342(c)(1)(i)]

      **Compliance Demonstration:**
      Compliance is demonstrated based on the initial performance test and monitoring requirements.

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

**3. Testing Requirements:**
Additional testing shall be as required by the Division.

**4. Specific Monitoring Requirements:**
The permittee shall monitor the pressure drop across the composite mesh-pad system once each day that any affected source is operating. [40CFR63.343(c)(1)(ii)]

**5. Specific Recordkeeping Requirements:** [40CFR63.346]
The permittee shall maintain the following records:

(1) Inspection records for the composite-mesh pad system and monitoring equipment to document that the inspection and maintenance required by the work practice standards of 40 CFR 63.342(f) and Table 1 of 40 CFR 63.342 have taken place. The record can take the form of a checklist and should identify the device inspected, the date of inspection, a brief description of the working condition of the device during the inspection, and any actions taken to correct deficiencies found during the inspection.

(2) Records of all maintenance performed on the affected source, the composite-mesh pad system, and monitoring equipment.

(3) Records of the occurrence, duration, and cause (if known) of each malfunction of process, composite-mesh pad system, and monitoring equipment.

(4) Records of actions taken during periods of malfunction when such actions are inconsistent with the operation and maintenance plan.

(5) Other records, which may take the form of checklists, necessary to demonstrate consistency with the provisions of the operation and maintenance plan required by 40 CFR 63.342(f)(3).

(6) Test reports documenting results of all performance tests.

(7) All measurements as may be necessary to determine the conditions of performance tests, including measurements necessary to determine compliance with the special compliance procedures of 40 CFR 63.344(e).

(8) Records of monitoring data required by 40 CFR 63.343(c) that are used to demonstrate compliance with the standard including the date and time the data are collected.

(9) The specific identification (i.e. the date and time of commencement and completion) of each period of excess emissions, as indicated by monitoring data, that occurs during malfunction of the process, composite-mesh pad system, or monitoring equipment.

(10) The specific identification (i.e. the date and time of commencement and completion) of each period of excess emissions, as indicated by montiroing data, that occurs during periods other than malfunction of the process, composite mesh-pad system, or monitoring equipment.

(11) The total process operating time of the affected source during the reporting period.

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

**6. Specific Reporting Requirements:** [40CFR63.347]

1. The permittee shall submit a summary report to the Division's Bowling Green Regional Office semi-annually to document the ongoing compliance status of the affected source. The report shall contain:
   (1) The company name and address of the affected source.
   (2) An identification of the operating parameter that is monitored for compliance determination as required by 40 CFR 63.343(c).
   (3) The relevant emission limitation for the affected source, and the operating parameter value, or range of values, that correspond to compliance with the emission limitation as specified in the notification of compliance status required by 40 CFR 63.347(e).
   (4 The beginning and ending dates of the reporting period.
   (5) A description of the type of process performed in the affected source.
   (6) The total operating time of the affected source during the reporting period
   (7) A summary of operating parameter values, including the total duration of excess emissions during the reporting period as indicated by those values, the total duration of excess emissions expressed as a percent of the total source operating time during the reporting period, and a breakdown of the total duration of excess emissions during the reporting period into those that are due to process upsets, control equipment malfunctions, other known causes, and unknown causes.
   (8) A certification by a responsible official, as defined in 40 CFR 63.2, that the work practice standards in 40 CFR 63.342(f) were followed in accordance with the operation and maintenance plan for the source.
   (9) If the operation and maintenance plan required by 40 CFR 63.342(f)(3) was not followed, an explanation of the reasons for not following the provisions, an assessment of whether any excess emissions and/or parameter monitoring exceedances are believed to have occurred, and a copy of the reports required by 40 CFR 63.342(f)(3)(iv) documenting that the operation and maintenance plan was not followed.
   (10) A description of any changes in monitoring, processes, or controls since the last reporting period.
   (11) The name, title, and signature of the responsible official who is certifying the accuracy of the report.
   (12) The date of the report.

   Frequency of reporting may be changed pursuant to 40 CFR 63.347(g)(1) and (2).

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

2. The permittee shall submit excess emission reports (EER) to the Division's Bowling Green Regional Office. Once certain conditions occur, quarterly reports containing all requirements of No.6, 1. of this part and the EER report requirements, shall be prepared and submitted to the Bowling Green Regional Office until a request to reduce frequency of submitting reports is approved by the Bowling Green Regional Office. The conditions are: 1)the total duration of excess emissions (as indicated by the monitoring data collected by the permittee of the affected source in accordance with 40CFR63.343(c) is 1percent or greater of the total operating time for the reporting period; and 2) the total duration of malfunctions of the composite mesh-pad system and monitoring equipment is 5 percent or greater of the total operating time. All reports shall be postmarked by the 30th day following the end of each calendar quarter. Excess emissions shall be defined as any measured emission rate in excess of the limitations specified herein.
   The following items shall be included in each EER report:
   a) Periods and magnitudes of excess emissions.
   b) Nature and cause of each period of excess emissions.
   c) Periods during which the monitoring system was inoperative.
   d) Records of calibration checks, adjustements, and maintenance performed on the monitoring system.
   e) If no excess emissions occurred during the reporting period this shall be stated in the quarterly report.
   Also, See Section F(5).

**7. Specific Control Equipment Operating Conditions:**
The permittee shall operate the composite mesh-pad system control device according to the manufacturer's specifications. The permittee shall operate the composite mesh-pad system control devices within +/- 1 inch of water column of the pressure drop value established during the initial performance test or within the range of compliant operating parameter values established during multiple performance tests.[40CFR63.343(c)(1)(ii)]. The control equipment shall be operated at all times that the chromium plating tanks are in operation. It shall be inspected and operated per its design specifications and the operation and maintenance plan which includes the applicable work practice standards.

**8. Alternate Operating Scenarios:** None

**9. Compliance Schedule*:*** None

**10. Compliance Certification Requirements*:*** See Section F(7).

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

**Group 2 Publication rotogravure printing NSPS**

**Emission point 04(07) - Press 3**
**Emission point 06(12) - Press 4**
**Emission point 21(37) - Press 5**

**Description:** Publication rotogravure printing presses controlled by a carbon adsorption system See individual emission points for further description.

**APPLICABLE REGULATIONS:**
401 KAR 60:005, 40 CFR Part 60 standards of performance for new stationary sources which incorporates by reference 40 CFR 60, Subpart QQ, Standards of performance for the graphic arts industry: publication rotogravure printing.

1. **Operating Limitations:**
   The carbon adsorption system/solvent recovery system shall be operated to show compliance with the Kentucky Divison for Air Quality and Quebecor Printing's determination of the plantwide efficiency of 92.88%.With the issuance of this permit, the affected facilites used to determine the plantwide efficiency are 02(03) Press 1, 03(05) Press 2, 04(07) Press 3, 06(12) Press 4, 11(21) Proof press, 21(37)Press 5, 30(46) Parts washer, and 54(54) Drum proofer. The plantwide efficiency is determined based on the following:

   Plantwide efficiency = 1 - [(total of allowable VOC emissions for the above affected facilities in tons/month)/(total of solvent input for the above affected facilities in tons/month)].

   The efficiency can change with the addition of any new affected facilities that are controlled by the carbon adsorption system/solvent recovery system.

   **Compliance Demonstration:**
   Compliance with the plantwide efficiency is demonstrated by calculation of a plantwide material balance. The plantwide material balance is calculated according to the procedures under 40 CFR 60.433(b) through (g), whichever applies, or by a comparable calculation which compares the total solvent recovered to the total solvent used at the total plant. Affected facilities included in the plantwide material balance determination are as follows:

   02(03) Press 1, 03(05) Press 2, 04(07) Press 3, 06(12) Press 4, 07(15) Deaerator, 11(21) Proof Press, 13(23) Distillation Unit, 15(27) Storage tanks - YI-1, RI-1,BI-1, KI-1, 16(29) Storage tanks - VR-1, VR-2, 17(31) - Storage tank - SL-1, 18(31) - Storage tank - SL-2, 19(32) - Storage tank - DS-1, 21(37) - Press 5, 29(45) - 6 Hand Correction stations, 30(46) - Parts washer, 33(33) - Pipeline equipment, 34(34) - Dirty solvent sump - DS-2, 35(35) - Dirty solvent sump - DS-3, 62(62) - Decant tank, 63(63) - Air stripper, 64(64) - Cylinder Cleaning, 54(54) Drum Proofer. Additional affected facilities may be included if needed to correctly calculate the plantwide material balance.

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

2. **Emission Limitations:**
   Although the regulation has a standard, all presses subject to this regulation have a morestringent individual requirement as required by other regulations stated at each individual emission point. See emission points 04, 06, and 21.

3. **Testing Requirements:** None

4. **Specific Monitoring Requirements:** None

5. **Specific Recordkeeping Requirements:** [40 CFR 60.434]
   The permittee of any affected facility using solvent-borne ink systems with solvent recovery systems shall record the amount of solvent and water used, solvent recovered, and estimated emission percentage for each performance averaging period. The performance averaging period for monitoring of proper operation and maintenance is a calendar month or 4 consecutive weeks, at the option of the permittee Records shall be kept for 5 years.

6. **Specific Reporting Requirements:**
   Reports of the above stated records shall be submitted semi-annually to the Division's Bowling Regional Office. The reports shall be postmarked by the 30th day following the end of the reporting period.
   Also, See Section F(5).

7. **Specific Control Equipment Operating Conditions:**
   The carbon adsorption system/solvent recovery system shall be operated in accordance with manufacturer's recommendations and standard operating practices.

8. **Alternate Operating Scenarios:** None

9. **Compliance Schedule*:*** None

10. **Compliance Certification Requirements*:*** See Section F(7).

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

**Group 3 Printing and Publishing MACT**

Unless otherwise specified, affected facilities are uncontrolled.

**Emission point 02(03) - Press 1 -** see individual emission point for description.

**Emission point 03(05) - Press 2 -** see individual emission point for description.

**Emission point 04(07) - Press 3 -** see individual emission point for description.

**Emission point 06(12) - Press 4 -** see individual emission point for description.

**Emission point 07(15) - Deaerator**
Date commenced: 6-88.

**Emission point 11(21) - Proof press** - see individual emission point for description.

**Emission point 13(23) - Distillation unit**
Date commenced: March, 1985.

**Emission point 15(27) - Storage tanks**
**8000 gal yellow - YI-1**
**8000 gal red - RI-1**
**8000 gal blue - BI-1**
**8000 gal black - KI-1**
Date commenced: May, 1991.

**Emission point 16(29) - Storage tanks**
**8000 clear varnish - VR-1**
**8000 pig varnish - VR-2**
Date commenced: May, 1991.

**Emission point 17(31) - Storage tank**
**6000 gal clean solvent - SL-1**
Date commenced: May, 1991.

**Emission point 18(31) - Storage tank**
**12000 gal clean solvent - SL-2 -** see individual emission point for description.

**Emission point 19(32) - Storage tank**
**4000 gal dirty solvent - DS-1**
Date commenced: May, 1991**.**

**Emission point 21(37) - Press 5 -** see individual emission point for description.

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

**Emission point 29(45) - 6 Hand correction stations**
Description: Kaywoiter/Chem Tech hand correction stations.
Date commenced: April, 1985 and March, 1992.

**Emission point 30(46) - Parts washer**
Description: Renzmann parts washer controlled by the carbon adsorption system with an overall control efficiency of 95%.
Date commenced: 1979

**Emission point 33(33) - Pipeline equipment**
Date commenced: 1991

**Emission point 34(34) - Dirty solvent sump - DS-2**
Date commenced: 1991

**Emission point 35(35) - Dirty solvent sump - DS-3**
Date commenced: 1991

**Emission point 62(62) - Decant tank**
Date commenced: 1981

**Emission point 63(63) - Air stripper**
Date commenced: March, 1997

**Emission point 64(64) - Cylinder cleaning**
Date commenced: March, 1992

**Emission point 54(54) - Drum proofer**
Description: Single station drum proofer controlled by the Dedert Corporation Supersorbon H3-3660/15250-16000 carbon adsorption system with a capture efficiency of 75% and a removal efficiency of 97% to give an overall control efficiency of 75% as previously permitted.
Date commenced: April, 1992

**APPLICABLE REGULATIONS:**
401 KAR 63:002, 40 CFR Part 63 national emission standards for hazardous air pollutants, which incorporates by reference 40 CFR 63, Subpart KK, National emission standards for the printing and publishing industry.

1. **Operating Limitations:**
   Usage rates and HAP contents of all HAP containing materials shall be restricted so as to meet the emission limitation in Section B.2.

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

**2. Emission Limitations:** [40 CFR 63.824]

Each publication rotogravure affected source shall limit emissions of organic HAP to no more than eight percent of the total volatile matter used each month. The emission limitation may be achieved by overall control of at least 92 percent of organic HAP used, by substitution of non-HAP materials for organic HAP, or by a combination of capture and control technologies and substitution of materials. The in-line flexographic imprinters at Press 1 and Press 4 are included as a part of the publication rotogravure affected source according to the definition in 40 CFR 63.822.

**Compliance Demonstration:**

Compliance will demonstrated through monitoring, recordkeeping, and reporting.

**3. Testing Requirements:**

See Section B.4.b. and c.

**4. Specific Monitoring Requirements:** [40 CFR 63.824]

Perform a liquid-liquid material balance for each month as follows:

a. Measure the mass of each ink, coating, varnish adhesive, primer, solvent, and other material used by the affected source during the month.
b. Determine the organic HAP content of each ink, coating, varnish, adhesive, primer, solvent, and other material used by the affected source during the month following the procedure in 40CFR 63.827(b)(1).
c. Determine the volatile matter content, including water, of each ink, coating, varnish, adhesive, primer, solvent, and other material used by the affected source during the month following the procedure in 40 CFR 63.827(c)(1).
d. Install, calibrate, maintain and operate, according to the manufacturer's specifications, a device that indicates the cumulative amount of volatile matter recovered by the solvent recovery device on a monthly basis. The device shall be initially certified by the manufacturer to be accurate to within +/- 2.0 percent.
e. Measure the amount of volatile matter recovered for the month.
f. Calculate the overall effective organic HAP control efficiency (Re) for the month using the following equation:

$$Re = (100) \times \{ Mvu - Mhu + [(Mvr) \times (Mhu / Mvu)]\} / Mvu$$

Re = the overall effective organic HAP control efficiency for publication rotogravure, percent.
Mvu = the mass of volatile matter, including water, used in a month, kg.
Mhu = the mass of organic HAP used in a month, kg.
Mvr = the mass of volatile matter recovered in a month, kg.

g. The affected source is in compliance for the month, if Re is at least 92 percent.

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

**5. Specific Recordkeeping Requirements:** [40 CFR 63.829]

1. Records shall be kept on a monthly basis of all measurements needed to demonstrate compliance with the emission limitation, No. 2 of this group requirement, including material usage, HAP usage, volatile matter usage, and solids usage.
2. Records shall be kept on a monthly basis of all liquid-liquid material balances (as specified in the Specific Monitoring Requirements, No. 4 of this group requirement) performed to show compliance with the emission limitation, No. 2 of this group requirement.
3. A startup, shutdown, and malfunction plant shall be kept according to 40 CFR 63.6(e)(3).

**6. Specific Reporting Requirements:** [40 CFR 63.830]

A summary report shall be submitted on a semi-annual basis to the Division's Bowling Green Regional Office. The report shall be postmarked by the 30th day following the end of the reporting period. The report shall include:

1. The results of the liquid-liquid material balance as specified in Specific Monitoring Requirements, No. 4 of this group requirement.
2. Any exceedances of the emission limitation as specified in No. 2 of this group requirement.
3. Start-up, shutdown, and malfunction reports specified in 40 CFR 63.10(d)( 5), except that the provisions in Subpart A pertaining to start-ups, shutdowns, and malfunctions do not apply unless a control device is used to comply with this subpart.
   Also, see Section F(5).

**7. Specific Control Equipment Operating Conditions:**

The solvent recovery system shall be operated to show compliance with the emission limitation, No. 2 of this group requirement.

**8. Alternate Operating Scenarios:** None

**9. Compliance Schedule:** None

**10. Compliance Certification Requirements:** See Section F(7).

## SECTION C - INSIGNIFICANT ACTIVITIES

The following listed activities have been determined to be insignificant activities for this source pursuant to Regulation 401 KAR 50:035, Section 5(4). While these activities are designated as insignificant the permittee must comply with the applicable regulation and some minimal level of periodic monitoring may be necessary.

| Description | Generally Applicable Regulation |
|---|---|
| 1. 08(19) Fuel Oil Tank #1 | None |
| 2. 09(20) 100" Electroplating Line | |
| Degrease/Dechrome Tank | 59:010 |
| Copper Plate Tank | 59:010 |
| Dechrome/Degrease | 59:010 |
| 3. 10(20) 125" Electroplating Line | |
| Degrease/Dechrome Tank | 59:010 |
| Copper Plate Tank | 59:010 |
| Dechrome/Degrease | 59:010 |
| 4. 12(22) Fuel Oil Tank #2 | None |
| 5. 20(36) Three Balers | |
| Baler #1 | 59:010 |
| Baler #2 | 59:010 |
| Baler #3 | 59:010 |
| 6. 32(-) Imaging Plant | |
| A. Kodak 710 Processor | 59:010 |
| B. Pako Layout Processor | 59:010 |
| C. Boiler - 0.675 MMBtu/hr | None |
| D. Maintenance/clean | None |
| E. Fuji Processor #1 | None |
| F. Fuji Processor #2 | None |
| G. Glunz and Jensen | 59:010 |
| H. Heidleberg Scan s-3400 | 59:010 |
| 7. 60(60) Hot melt glue #1 | None |
| 8. 61(61) Hot melt glue #2 | None |
| 9. EG-1(EG-1) Emergency Generator diesel fired, 1.365 MMBtu/hr | None |
| 10. EG-2(EG-2) Emergency Generator diesel fired, 1.365 MMBtu/hr | None |

## SECTION C - INSIGNIFICANT ACTIVITIES - (CONTINUED)

| Description | Generally Applicable Regulation |
|---|---|
| 11. FP-1(FP-1) Fire pump, diesel fired, 1.295 MMBtu/hr | None |
| 12. EGT-1(EGT-1) Diesel Fuel Oil Tank | None |
| 13. FPT-1(FPT-1) Diesel Fuel Oil Tank | None |

## SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS

1. PM, VOC, and SO2 emissions, as measured by methods referenced in 401 KAR 50:015, Section 1, shall not exceed the respective limitations specified herein.

2. Compliance with annual emissions limitations imposed pursuant to 401 KAR 50:035, Section 7(1)(a), and contained in this permit, shall be based on emissions rates for any twelve (12) consecutive months.

## SECTION E - SOURCE CONTROL EQUIPMENT REQUIREMENTS

Pursuant to 401 KAR 50:055, Section 2(5), at all times, including periods of startup, shutdown and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the division which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

## SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS

1. When continuing compliance is demonstrated by periodic testing or instrumental monitoring, the permittee shall compile records of required monitoring information that include:
   a. Date, place as defined in this permit, and time of sampling or measurements.
   b. Analyses performance dates;
   c. Company or entity that performed analyses;
   d. Analytical techniques or methods used;
   e. Analyses results; and
   f. Operating conditions during time of sampling or measurement;

2. Records of all required monitoring data and support information, including calibrations, maintenance records, and original strip chart recordings, and copies of all reports required by the Division for Air Quality, shall be retained by the permittee for a period of five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality. [401 KAR 50:035, Permits, Section 7(1)(d)2 and 401 KAR 50:035, Permits, Section 7(2)(c)].

3. In accordance with the requirements of Regulation 401 KAR 50:035, Permits, Section 7(2)(c) the permittee shall allow the Cabinet or authorized representatives to perform the following:
   a. Enter upon the premises where a source is located or emissions-related activity is conducted, or where records are kept;
   b. Have access to and copy, at reasonable times, any records required by the permit:
      i. During normal office hours, and
      ii. During periods of emergency when prompt access to records is essential to proper assessment by the Cabinet;
   c. Inspect, at reasonable times, any facilities, equipment (including monitoring and pollution control equipment), practices, or operations required by the permit. Reasonable times shall include, but are not limited to the following:
      i. During all hours of operation at the source,
      ii. For all sources operated intermittently, during all hours of operation at the source and the hours between 8:00 a.m. and 4:30 p.m., Monday through Friday, excluding holidays, and
      iii. During an emergency; and
   d. Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements. Reasonable times shall include, but are not limited to the following:
      i. During all hours of operation at the source,
      ii. For all sources operated intermittently, during all hours of operation at the source and the hours between 8:00 a.m. and 4:30 p.m., Monday through Friday, excluding holidays, and
      iii. During an emergency.

4. No person shall obstruct, hamper, or interfere with any Cabinet employee or authorized representative while in the process of carrying out official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties.

## SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

5. Reports of any monitoring required by this permit shall be reported to the division's Bowling Green Regional Office no later than the six-month anniversary date of this permit and every six months thereafter during the life of this permit, unless otherwise stated in this permit. The permittee may shift to semi-annual reporting on a calendar year basis upon approval of the regional office. If calendar year reporting is approved, the semi-annual reports are due on January 30th and July 30th of each year. Data from the continuous emission and opacity monitors shall be reported to the Technical Services Branch in accordance with the requirements of Regulation 401 KAR 59:005, General Provisions, Section 3(3). All reports shall be certified by a responsible official pursuant to Section 6(1) of Regulation 401 KAR 50:035, Permits. All deviations from permit requirements shall be clearly identified in the reports.

6. a. In accordance with the provisions of Regulation 401 KAR 50:055, Section 1 the owner or operator shall notify the Division for Air Quality's Bowling Green Regional Office concerning startups, shutdowns, or malfunctions as follows:
   1. When emissions during any planned shutdowns and ensuing startups will exceed the standards notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.
   2. When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards notification shall be made as promptly as possible by telephone (or other electronic media) and shall cause written notice upon request.

   b. In accordance with the provisions of Regulation 401 KAR 50:035, Section 7(1)(e)2, the owner or operator shall report emission related exceedances from permit requirements including those attributed to upset conditions (other than emission exceedances covered by general condition 6 a. above) to the Division for Air Quality's Bowling Green Regional Office within 3 days. Other deviations from permit requirements shall be included in the semiannual report required by general condition F.5.

7. Pursuant to Regulation 401 KAR 50:035, Permits, Section 7(2)(b), the permittee shall certify compliance with the terms and conditions contained in this permit, annually on the permit issuance anniversary date or by January 30th of each year if calendar year reporting is approved by the regional office, by completing and returning a Compliance Certification Form (DEP 7007CC) (or an approved alternative) to the Division for Air Quality's Bowling Green Regional Office and the U.S. EPA in accordance with the following requirements:
   a. Identification of each term or condition of the permit that is the basis of the certification;
   b. The compliance status regarding each term or condition of the permit;
   c. Whether compliance was continuous or intermittent; and
   d. The method used for determining the compliance status for the source, currently and over the reporting period, pursuant to 401 KAR 50:035, Section 7(1)(c),(d), and (e).

## SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

e. The certification shall be postmarked by the thirtieth (30) day following the applicable permit issuance anniversary date, or by January 30th of each year if calendar year reporting is approved by the regional office. **Annual compliance certifications should be mailed to the following addresses:**

**Division for Air Quality**
**Bowling Green Regional Office**
**1508 Westen Ave.**
**Bowling Green, KY 42104**

**U.S. EPA Region IV**
**Air Enforcement Branch**
**Atlanta Federal Center**
**61 Forsyth Street**
**Atlanta, GA 30303-8960**

**Division for Air Quality**
**Central Files**
**803 Schenkel Lane**
**Frankfort, KY 40510**

8. In accordance with Regulation 401 KAR 50:035, Section 23, the permittee shall provide the division with all information necessary to determine its subject emissions within thirty (30) days of the date the KEIS emission report is mailed to the permittee.

9. Pursuant to Section VII.3 of the policy manual of the Division for Air Quality as referenced by Regulation 401 KAR 50:016, Section 1(1), results of performance test(s) required by the permit shall be submitted to the division by the source or its representative within forty-five days after the completion of the fieldwork.

# SECTION G - GENERAL CONDITIONS

(a) General Compliance Requirements

1. The permittee shall comply with all conditions of this permit. A noncompliance shall be (a) violation(s) of state regulation 401 KAR 50:035, Permits, Section 7(3)(d) and for federally enforceable permits is also a violation of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) and is grounds for enforcement action including but not limited to the termination, revocation and reissuance, or revision of this permit.

2. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance, shall not stay any permit condition.

3. This permit may be revised, revoked, reopened and reissued, or terminated for cause. The permit will be reopened for cause and revised accordingly under the following circumstances:
   a. If additional applicable requirements become applicable to the source and the remaining permit term is three (3) years or longer. In this case, the reopening shall be completed no later than eighteen (18) months after promulgation of the applicable requirement. A reopening shall not be required if compliance with the applicable requirement is not required until after the date on which the permit is due to expire, unless this permit or any of its terms and conditions have been extended pursuant to Regulation 401 KAR 50:035, Section 12(2)(c);
   b. The Cabinet or the U. S. EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements;
   c. The Cabinet or the U. S. EPA (for Federal permits) determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

   Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Reopenings shall be made as expeditiously as practicable. Reopenings shall not be initiated before a notice of intent to reopen is provided to the source by the division, at least thirty (30) days in advance of the date the permit is to be reopened, except that the division may provide a shorter time period in the case of an emergency.

4. The permittee shall furnish to the division, in writing, information that the division may request to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit. [401 KAR 50:035, Permits, Section 7(2)(b)3e and 401 KAR 50:035, Permits, Section 7(3)(j)].

5. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to the permitting authority.

## SECTION G - GENERAL CONDITIONS (CONTINUED)

6. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit. [401 KAR 50:035, Permits, Section 7(3)(k)].

7. The permittee shall not use as a defense in an enforcement action the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance. [401 KAR 50:035, Permits, Section 7(3)(e)].

8. Except as identified as state-origin requirements in this permit, all terms and conditions contained herein shall be enforceable by the United States Environmental Protection Agency and citizens of the United States.

9. This permit shall be subject to suspension if the permittee fails to pay all emissions fees within 90 days after the date of notice as specified in 401 KAR 50:038, Section 3(6). [401 KAR 50:035, Permits, Section 7(3)(h)].

10. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance. [401 KAR 50:035, Permits, Section 8(3)(b)].

11. This permit shall not convey property rights or exclusive privileges. [401 KAR 50:035, Permits, Section 7 (3)(g)].

12. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by the Kentucky Cabinet for Natural Resources and Environmental Protection or any other federal, state, or local agency.

13. Nothing in this permit shall alter or affect the authority of U.S. EPA to obtain information pursuant to Federal Statute 42 USC 7414, Inspections, monitoring, and entry. [401 KAR 50:035, Permits, Section 7(2)(b)5].

14. Nothing in this permit shall alter or affect the authority of U.S. EPA to impose emergency orders pursuant to Federal Statute 42 USC 7603, Emergency orders. [401 KAR 50:035, Permits, Section 8(3)(a).]

15. Permit Shield: Except as provided in State Regulation 401 KAR 50:035, Permits, compliance by the affected facilities listed herein with the conditions of this permit shall be deemed to be compliance with all applicable requirements identified in this permit as of the date of issuance of this permit.

16. All previously issued construction and operating permits are hereby null and void.

## SECTION G - GENERAL CONDITIONS (CONTINUED)

(b) Permit Expiration and Reapplication Requirements

This permit shall remain in effect for a fixed term of five (5) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the division at least six months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the division. [401 KAR 50:035, Permits, Section 12].

(c) Permit Revisions

1. A minor permit revision procedure may be used for permit revisions involving the use of economic incentive, marketable permit, emission trading, and other similar approaches, to the extent that these minor permit revision procedures are explicitly provided for in the SIP or in applicable requirements and meet the relevant requirements of Regulation 401 KAR 50:035, Section 15.

2. This permit is not transferable by the permittee. Future owners and operators shall obtain a new permit from the Division for Air Quality. The new permit may be processed as an administrative amendment if no other change in this permit is necessary, and provided that a written agreement containing a specific date for transfer of permit responsibility coverage and liability between the current and new permittee has been submitted to the permitting authority thirty (30) days in advance of the transfer.

(d) Construction, Start up, and Initial Compliance Demonstration Requirments - None

(e) Acid Rain Program Requirements

1. If an applicable requirement of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) is more stringent than an applicable requirement promulgated pursuant to Federal Statute 42 USC 7651 through 7651o (Title IV of the Act), both provisions shall apply, and both shall be state and federally enforceable.

(f) Emergency Provisions

1. An emergency shall constitute an affirmative defense to an action brought for noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or other relevant evidence that:

    a. An emergency occurred and the permittee can identify the cause of the emergency;
    b. The permitted facility was at the time being properly operated;
    c. During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and,

## SECTION G - GENERAL CONDITIONS (CONTINUED)

d. The permittee notified the division as promptly as possible and submitted written notice of the emergency to the division within two working days after the time when emission limitations were exceeded due to the emergency. The notice shall meet the requirements of 401 KAR 50:035, Permits, Section 7(1)(e)2, and include a description of the emergency, steps taken to mitigate emissions, and the corrective actions taken.This requirement does not relieve the source of any other local, state or federal notification requirements.

2. Emergency conditions listed in General Condition (f)1 above are in addition to any emergency or upset provision(s) contained in an applicable requirement.

3. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof. [401 KAR 50:035, Permits, Section 9(3)]

(g) Risk Management Provisions

1. The permittee shall comply with all applicable requirements of 40 CFR Part 68, Risk Management Plan provisions. If required, the permitttee shall comply with the Risk Management Program and submit a Risk Management Plan to:
   RMP Reporting Center
   P.O. Box 3346
   Merrifield, VA 22116-3346

2. If requested, submit additional relevant information by the division or the U.S. EPA.

(h) Ozone depleting substances

1. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
   a. Persons opening appliances for maintenance, service, repair, or disposal shall comply with the required practices contained in 40 CFR 82.156.
   b. Equipment used during the maintenance, service, repair, or disposal of appliances shall comply with the standards for recycling and recovery equipment contained in 40 CFR 82.158.
   c. Persons performing maintenance, service, repair, or disposal of appliances shall be certified by an approved technician certification program pursuant to 40 CFR 82.161.
   d. Persons disposing of small appliances, MVACs, and MVAC-like appliances (as defined at 40 CFR 82.152) shall comply with the recordkeeping requirements pursuant to 40 CFR 82.166.
   e. Persons owning commercial or industrial process refrigeration equipment shall comply with the leak repair requirements pursuant to 40 CFR 82.156.
   f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant shall keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.

## SECTION G - GENERAL CONDITIONS (CONTINUED)

2. If the permittee performs service on motor (fleet) vehicle air conditioners containing ozone-depleting substances, the source shall comply with all applicable requirements as specified in 40 CFR 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

## SECTION H - ALTERNATE OPERATING SCENARIOS

None

## SECTION I - COMPLIANCE SCHEDULE

None